PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

SEP 2 0 2004

Antorney DOCKET NO. 200310109-1

As a below named inventor, I hereby declare that

My residence/post office address and citizenship are stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

the specification of which is attached	ed hereto unless the following box is checked:	
(X) was filed on 01/13/2004	as US Application No. or PCT International Applic	cation
Number 10/757,807	and was amended on N/A (if applicab	le).
<u></u>		

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119	
			YES: NO:	
			YES: NO:	

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Sand	Correspondence	to:
Senu	COLLESPONDENCE	w.

Direct Telephone Calls to:

Customer Number

Tuan V. Ngo

HEWLETT-PACKARD COMPANY intellectual Property Administration (408) 447-8133

P.O. Box 272400 Fort Collins, Colorado 80527-2400 Even though the attorney is listed, please associate HP's Customer Number 022879 with this case.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor:	John L. Schantz	Citizenship: US
Residence:	3917 Merriman Drive, Plano, TX 75074	
Post Office Address:	3917 Merriman Drive, Plano, TX 75074	
Inventor's Signature	E	Pate

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 200310109-1

Full Name of # 2 joint inventor:	James L. Davis	Citizenship: US			
Residence:	3301 Bonniebrook Drive, Plano, TX 7	5075			
Post Office Address:	3301 Bonniebrook Drive, Plano, TX 75075				
Invertor a Signature	Jiwi, Date	8/4/04			
Full Name of # 3 joint inventor:		Citizenship: US			
Residence:	1203 North Winnetka Avenue, Dallas				
Post Office Address:	1203 North Winnetka Avenue, Dallas	s, TX 75208			
Inventor's Signature	Dat	ė			
Full Name of # 4 joint inventor:		Citizenship:			
Residence:	,				
Post Office Address:					
Inventor's Signature	Da	te			
Full Name of # 5 joint inventor	7	Citizenship:			
Residence:					
Post Office Address:					
Inventor's Signature	Da	ate			
Full Name of # 6 joint invento	r	Citizenship:			
Residence:					
Post Office Address:					
inventor's Signature	D	ate			
Full Name of # 7 joint invento	or:	Citizenship:			
Residence:					
Post Office Address:					
rust Unite Address.					
Inventor's Signature		Pate			
Full Name of # 8 joint invent	or:	Cittzenship:			
Residence:					
Post Office Address:					
Inventor's Signature		Date			

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 200310109-1

Full Name of # 2 joint inventor:	James L. Davis		Citizenship: US
Residence:	3301 Bonniebrook Drive, Plano, TX	75075	
Post Office Address:	3301 Bonniebrook Drive, Plano, TX	75075	
Inventor's Signature	, Da	te	
Full Name of # 3 joint inventor:			Citizenship: US
Residence:	1203 North Winnetka Avenue, Dalla	******	
Post Office Address:	1203 North Winnetka Avenue, Dalla		GUST 4, 2004
Inventor's Signature	De		G059 1, 200 9
Full Name of # 4 joint inventor:	<u></u>	(Citizenship:
Residence:			
Post Office Address:			
Tost office Hamoo.			
Inventor's Signature	Da	rte	
	·		
Full Name of # 5 joint inventor	·	· · · · · · ·	Citizenship:
Residence:		,	
Post Office Address:			
Inventor's Signature	D	ate	
	5.	110	
Full Name of # 6 joint inventor	-		Citizenship:
		<u> </u>	ORESIONIP.
Residence:			
Post Office Address:			
Inventor's Signature	D	ate	
Full Name of # 7 joint inventor	r		Citizenship:
Residence:			
Post Office Address:			
Inventor's Signature	В	ate	
Full Name of # 8 joint invento	r	· · · · · · · · · · · · · · · · · · ·	Citizenship:
Residence:			
Post Office Address:		. , 	
Inventor's Signature		ate	

When recorded please return to:

PATENT APPLICATION

ATTORNEY DOCKET NO. 200310109-1

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 — Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Company and its subsidiaries and affiliates, and and assigns, the entire right, title and interest application for Letters Patent of the United States	do hereby assign and transfer to HPDC, its successors including the right of priority, in, to and under an entitled:
SIGNALING GATEWAY AGGREGATION	
Filing date: January 13, 2004	Application No.: 10/757,807
Letters Patent, and any and all Letters Patent of the	et forth therein, and any and all continuations, newals of and substitutes for said application for said the United States and of countries foreign thereto which asues, or reexaminations, or extensions of said Letters
the full end of the term or terms for which said t	pplications in my/our name for Letters Patent in any cessors, assigns, nominees or legal representatives, to etters Patent respectively may be granted, reissued or build have been held and enjoyed by me/us had this
that I/we have not executed and will not execute covenant and agree that I/we will, each time a re deliver all such papers as may be necessary or improvement(s), said application and said Letters legal representatives, and I/we agree to commu respecting said invention(s) or improvement(s), saiegal proceedings, to sign all lawful papers, to C-I-P's, reissue and foreign applications, to make everything possible to aid HPDC, its successors, and enforce, for its or their own benefit, proper pages.	right to convey the entire interest herein assigned, and any agreement in conflict herewith, and i/we further equest is made, and without undue delay, execute and desirable to perfect the title to said invention(s) or Patent, to HPDC, its successors, assigns, nominees or inicate to HPDC, or to its nominee, all known facts its application and said Letters Patent, to testify in any execute all disclaimers and divisionals, continuations, all rightful oaths and declarations, and generally to do assigns, nominees and legal representatives to obtain atent protection for said invention(s) or improvement(a) is which may be incurred by me/us in lending such
States and any official of any country or countries patents on applications as aforesaid, to issue to H any and all Letters Patent for said invention(s) or i	commissioner of Patents and Trademarks of the United a foreign to the United States whose duty it is to issue IPDC, as assignee of the entire right, title and interest, improvement(s), including any and all Letters Patent of ited on or as a result of the application aforesaid, in
I/we further authorize and direct the attorneys said application now identified by the attorney do same shall have been made known to them by the	of record to insert the serial number and filing date of ecket number and title set forth above as soon as the United States Patent and Trademark Office.
Inventor's Typed Name: John L Schantz State of Te (Q.S	Assignment Signed: 3004
CAR	who is one syldence to be the person who acknowledged the foregoing OLE L. FOWLER COMMISSION EXPIRES

Rev 10/03 (Assign)

(Use Page Two For Additional Inventor(s) Signature(s))

MY COMMISSION EXPIRES
June 25, 2006

Page 1 of 1

My commission expires: 6-25-06

PATENT APPLICATION

ATTORNEY DOCKET NO. 200310109-1

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an

and assigns, the entire right, the and interest application for Letters Patent of the United States SIGNALING GATEWAY AGGREGATION	s entitled:	
Filing date: January 13, 2004	Application No.:	10/757,807
and the invention(s) and improvement(s) s continuations-in-part (C-I-P's), divisionals, and reletters Patent, and any and all Letters Patent of may be granted thereon or therefor; and any re Patent.	enewals of and substit the United States and (tutes for said application for said of countries foreign thereto which
I/we additionally authorize HPDC to file a country, to be held and enjoyed by HPDC, its su the full end of the term or terms for which said extended, as fully and entirely as the same wassignment, and transfer not been made;	iccessors, assigns, nor Letters Patent respect	ninees or legal representatives, to ively may be granted, reissued or
AND I/we hereby covenant that I/we have futhat I/we have not executed and will not executed version and agree that I/we will, each time a deliver all such papers as may be necessary improvement(s), said application and said Letters legal representatives, and I/we agree to commespecting said invention(s) or improvement(s), segal proceedings, to sign all lawful papers, to C-I-P's, reissue and foreign applications, to make everything possible to aid HPDC, its successors and enforce, for its or their own benefit, proper in any and all countries provided the expens cooperation and assistance are paid by HPDC;	ite any agreement in c request is made, and vor or desirable to perfect s Patent, to HPDC, its nunicate to HPDC, or said application and sa o execute all disclaime e all rightful oaths and s, assigns, nominees a patent protection for s	onflict herewith, and I/We further without undue delay, execute and the title to said invention(s) or successors, assigns, nominees or to its nominee, all known facts id Letters Patent, to testify in any irs and divisionals, continuations, declarations, and generally to do not legal representatives to obtain aid invention(s) or improvement(s)
AND I/we hereby authorize and request the States and any official of any country or country patents on applications as aforesaid, to issue to any and all Letters Patent for said invention(s) of the United States which may be issued and graccordance with the terms of this assignment.	ies foreign to the Unite HPDC, as assignee of or improvement(s), inclu	ed States whose duty it is to issue the entire right, title and interest, uding any and all Letters Patent of
I/we further authorize and direct the attorner said application now identified by the attorner same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to them by the same shall have been made known to the same shall have been same shall have been shall have been same shall have been shall have been shall have been same shall have been shall have been same shall have been shall ha	docket number and tit	le set forth above as soon as the
IN WITNESS WHEREOF, I/we hereunto set r	my/our hand(s) and sea	ıl(s):
	te Assignment Signed:	
Inventor's Signature (Seal)		
Inventor's Typed Name: John L Schantz	Date Application	Signed:
State of)		
County of) ss.:		
Before me this day of, per personally known or proved to me on the basis of satisf instrument of assignment to be his/her free act and deed.	rsonally appeared	Schantz who is person who acknowledged the foregoing
		Motory Bublic

My commission expires:

When recorded please return to:

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION ATTORNEY DOCKET NO. 200310109-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): _Date Assignment Signed:_ Inventor's Signature (Seal) __ Date Application Signed:___ Inventor's Typed Name: James L Davis State of) \$5.: County of _, personally appeared _ James L. Davis Before me this ___day of _ personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. Notary Public My commission expires: Inventor's Signature (Seal) Inventor's Typed Name: Leonard L Ellis Date Application Signed: State of) ss.: County of who is _, personally appeared ____Leonard L_ Ellis_ _day of personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. My commission expires: ____Date Assignment Signed:_ Inventor's Signature (Seal) _ Date Application Signed:__ Inventor's Typed Name:__ State of) ss.: County of who is _, personally appeared Before me this ____ day of ___ personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. Notary Public

My commission expires:

When recorded please return to:

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200310109-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereu	nto set my/our hand(s) and seal(s):	
A. Aller	8/4/04	
Inventor's Signature (Seal)	Date Assignment Signed: \(\frac{8}{7}\)	
•	Date Application Signed: 8/4/04	
Inventor's Typed Name: James L. Davis	Date Application Signed.	
State of)	
) \$9.:	
County of		ba.ia
Before me this day of personally known or proved to me on th instrument of assignment to be his/her free	, personally appeared	who is e foregoing
mistrument of assignment to be well-		
	Notary Public	
	My commission expires:	
•		
	Date Assignment Signed:	
Inventor's Signature (Seal)		
Inventor's Typed Name: Leonard L. Elis	Date Application Signed:	
State of)	
) ss.:	
County of)	
Before me this day of	personally appeared Leonard L Elis	who is
personally known or proved to me on the instrument of assignment to be his/her free	le basis of satisfactory evidence to be the person who askins the satisfactory	e lotegonig
	Notery Public	
	My commission expires:	
	·	
	Date Assignment Signed:	
Inventor's Signature (Seal)		
Inventor's Typed Name:	Date Application Signed:	_ _
Otata of)	
State of) ss .:	
County of)	
Defense we thin day of	personally appeared who acknowledged t	who is
personally known or proved to me on t instrument of assignment to be his/her fre	he basis of satisfactory evidence to be the person who assure the best of the person who assure the person who as the person which are the person who as the person who are the person who as the person who are the person who as the person who are the pers	he foregoing
	Notary Public	
	My commission expires:	

(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 2